

Claims

What is claimed is:

1. A method for conditioning content for presentation at a processing device, the method comprising the steps of:

5 determining a content profile associated with the device;
 generating a conditioned document by applying the content profile to a requested document containing content for presentation at the device;

 determining a stylesheet associated with the device; and
10 applying the stylesheet to the conditioned document to generate an output suitable for presentation at the device.

2. The method of claim 1 wherein the retrieved document comprises an extensible mark-up language document.

15 3. The method of claim 1 further including the steps of determining a schema associated with the device, and generating the conditioned document by applying the content profile and the schema to the requested document.

20 4. The method of claim 1 wherein the first applying step is implemented in a content conditioner element of the processing device.

25 5. The method of claim 1 wherein the first applying step is implemented in a content conditioner element of a server which stores at least a portion of the requested document.

6. The method of claim 1 wherein the second applying step is implemented in an extensible stylesheet language engine element of the processing device.

5 7. The method of claim 1 wherein the second applying step is implemented in an extensible stylesheet language engine element of a server which stores at least a portion of the requested document.

10 8. The method of claim 1 wherein the content profile for a given device comprises one or more operations and corresponding parameters that are required to condition the requested document content for a desired consumption experience at the processing device.

15 9. The method of claim 1 wherein the content profile comprises a summarization program which specifies a manner in which summarization information derived from the retrieved document is to be presented at the device.

20 10. The method of claim 1 wherein the content profile specifies a maximum percentage of an amount of original text associated with the requested document that is to be presented at the device.

25 11. The method of claim 1 wherein the output is presented in a visually-perceptible manner on a display of the device.

12. The method of claim 1 wherein the output is presented in an audibly-perceptible manner using a speaker associated with the device.

5 13. The method of claim 1 wherein the processing device comprises a desktop or portable personal computer.

14. The method of claim 1 wherein the processing device comprises a personal digital assistant.

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15. The method of claim 1 wherein the processing device comprises a wireless telephone.

16. The method of claim 1 wherein the processing device
15 comprises an Internet-enabled television.

17. An apparatus for conditioning content for presentation at a processing device, the apparatus comprising:

20 a memory for storing at least a portion of a content profile associated with the device; and

a processor coupled to the memory, the processor being operative: to generate a conditioned document by applying the content profile to a requested document containing content for presentation at the device; to determine a stylesheet associated
25 with the device; and to apply the stylesheet to the conditioned document to generate an output suitable for presentation at the device.

18. An article of manufacture comprising a machine-readable storage medium containing one or more software programs for conditioning content for presentation at a processing device, wherein the one or more software programs when executed implement
5 the steps of:

- determining a content profile associated with the device;
- generating a conditioned document by applying the content profile to a requested document containing content for presentation at the device;

10 determining a stylesheet associated with the device; and
applying the stylesheet to the conditioned document to generate an output suitable for presentation at the device.